

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/966,745
				Filing Date	October 1, 2001
				First Named Inventor	Shlomo YITZCHAIK
				Group Art Unit	1711
				Examiner Name	D. Truong
				Attorney Docket Number	BURTMAN=1A
Sheet	1	of	1		

Examiner Signature		Date Considered	7/9/03
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
✓	AC	ANDERSON et al, "Synthesis and Third-Order Nonlinear Optical Properties of a Conjugated Porphyrin Polymer", <u>Angew Chem Int Ed Eng</u> 33(6):655-657 (1994)	
✓	AD	BIRD et al, "Velocity Distributions in Laminar Flow", in <u>Transport Phenomena</u> Wiley, New York, NY, Chapter 2, pp. 34-70 (1960)	
✓	AE	BRAUN et al, "Visible light emission from semiconducting polymer diodes", <u>Appl Phys Lett</u> 58:1982-1984 (1991)	
✓	AF	BRAUN et al, "Electroluminescence and electrical transport in poly(3-octylthiophene)", <u>J Appl Phys</u> 72(2):564-568 (1992)	
✓	AG	BURROUGHES et al "Light-emitting diodes based on conjugated polymers", <u>Nature</u> 347:539-541 (1990)	
✓	AH	CHEMLA et al, "Room Temperature Excitonic Nonlinear Absorption and Refraction in GaAs/AlGaAs Multiple Quantum Well Structures", <u>IEEE J Quantum Electron</u> QE-20:265-275 (1984)	
✓	AI	DONOVAN et al, "Determination of anisotropic electron transport properties of two Langmuir-Blodgett organic multiple quantum wells", <u>Thin Solid Films</u> 244:110-114 (1993)	
✓	AJ	DONOVAN et al, "Determination of the parallel and perpendicular intermolecular tunneling rates in two Langmuir-Blodgett quantum well systems" <u>Thin Solid Films</u> 232:923-927 (1994)	
✓	AK	FORREST et al, "Ultrahigh-vacuum quasiepitaxial growth of model van der Waals thin films. II. Experimental", <u>Phys Rev B</u> 49(16):11309-111321 (1994)	
✓	AL	GREENHAM et al, "Efficient light-emitting diodes based on polymers with high electron affinities", <u>Nature</u> 365:628-630 (1993)	
✓	AM	HASKAL et al, "Finite size effects observed in the fluorescence of ultrathin crystalline organic films grown by organic molecular beam deposition", <u>Chem Phys Lett</u> 219:325-330 (1994)	
✓	AN	HASKAL et al, "Excitons and exciton confinement in crystalline organic thin films grown by organic molecular-beam deposition", <u>Phys Rev B</u> 51:4449-4462 (1995)	

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	AO	HIRAMOTO et al, "Directed beam emission from film edge in organic electroluminescent diode", <u>Appl Phys Lett</u> 62(7):666-668 (1993)			
	AP	HONG et al, "Possible evidence for quantum-size effects in self-assembled ultrathin films containing conjugated copolymers", <u>Appl Phys</u> 79(6):3082-3088 (1996)			
	AQ	JENEKHE et al, "Excimers and Exciplexes of Conjugated Polymers", <u>Science</u> 265:765-768 (1994)			
	AR	KIDO et al, "Bright blue electroluminescence from poly (N-vinylcarbazole)", <u>Appl Phys Lett</u> 63(19):2627-2629 (1993)			
	AS	KIDO et al, "White light-emitting organic electroluminescent devices using the poly(N-vinylcarbazole) emitter layer doped with three fluorescent dyes", <u>Appl Phys Lett</u> 64:815-817 (1994)			
	AT	KUBONO et al, "Polymer Thin Films Prepared by Vapor Deposition", <u>Prog Polym Sci</u> 19:389-438 (1994)			
	AU	LAM et al, "Optical Nonlinearities in Crystalline Organic Multiple Quantum Wells", <u>Phys Rev Lett</u> 60(12):1614-1617 (1991)			
	AV	LI et al, "Chromophoric Self-Assembled Multilayers. Organic Superlattice Approaches to Thin-Film Nonlinear Optical Materials", <u>J Am Chem Soc</u> 112:7389-7390 (1990)			
	AW	MARUO et al, "Surface characterization of fluorinated polyimde films grown by vapor deposition polymerization, <u>J Vac Soc Technol A</u> 11(5):2590-2596 (1993)			
	AX	NAIWA HS, "Organic Materials for Third-Order Nonlinear Optics", <u>Adv Mater</u> 5(5):341-358 (1993)			
	AY	OHMORI et al, "Observation of spectral narrowing and emission energy shift in organic electroluminescent diode utilizing 8-hydroxyquinoline aluminum/aromatic diamine multilayer structure", <u>Appl Phys Lett</u> 63(14):1871-1873 (1993)			
	AZ	OSAHENI et al, "Efficient Blue Luminescence of a Conjugated Polymer Exciplex", <u>Macromolecules</u> 27:739-742 (1994)			

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	BA	PESSA et al, "Characterization of surface exchange reactions used to grow compound films", <u>Appl Phys Lett</u> 38(3):131-132 (1981)	
	BB	SHIROTA et al, "Multilayered organic electroluminescent device using a novel starburst molecule, 4,4',4"-tris(3-methylphenylphenylamino)triphenylamine, as a hole transport material", <u>Appl Phys Lett</u> 65(7):807-809 (1994)	
	BC	SO et al, "Quasi-epitaxial growth of organic multiple quantum well structures by organic molecular beam deposition", <u>App Phys Lett</u> 56(7):674-676 (1990)	
	BD	SO et al, "Growth and Characterization of Organic Semiconductor Heterojunctions and Multiple Quantum Wells", <u>SPIE</u> 1285:95-103 (1990)	
	BE	SO et al, "Evidence for Exciton Confinement in Crystalline Organic Multiple Quantum Wells ", <u>Phys Rev Lett</u> 66(20):2649-2652 (1991)	
	BF	TAKAHASHI et al, "Preparation of Ultrathin Films of Aromatic Polyamides and Aromatic Poly(amide-imides) by Vapor Deposition Polymerization" <u>Macromolecules</u> 24:3543-3546 (1991)	
	BG	TANAKA et al, "Doping effect on organic semiconductive thin film by plasma polymerization of 3,4,9,,10-perylenetetracarboxylic dianhydride", <u>Synthetic Metals</u> 65:81-84 (1994)	
	BH	TATSUURA et al, "Electro-optic polymer waveguide fabricated using electric-field-assisted chemical vapor deposition", <u>Appl Phys Lett</u> 60(14):1661-1663 (1992)	
	BI	ULMAN A, "Formation and Structure of Self-Assembled Monolayers", <u>Chem Rev</u> 96:1533-1554 (1996)	
	BJ	WANG et al, "Dependence on Piezoelectric and Pyroelectric Activities of Aromatic Polyurea Thin Films on Monomer Composition Ratio", <u>Jap J Appl Phys</u> 32:2768-2773 (1993)	
	BK	YITZCHAIK S, "Chromophoric Self-Assembled NLO Multilayer Materials. Real Time Observation of Monolayer Growth and Microstructural Evolution by <i>in Situ</i> Second Harmonic Generation Techniques", <u>J Phys Chem</u> 97:6958-6960 (1993)	
	BL	YOSHIMURA et al, "Polymer films formed with monolayer growth steps by molecular layer deposition", <u>Appl Phys Lett</u> 59(4):482-484 (1991)	

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